

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) Composite detergent particles prepared by dry-blending:

detergent additive particles (a) comprising 30 to 100% by weight of two or more kinds of water-soluble substances wherein a molar ratio of other one or more kinds of water-soluble substances to one kind of water-soluble substance is 9/1 or less, and further optionally comprising ~~less~~ not more than ~~10%~~ 5% by weight of a surfactant and/or 70% by weight or less of a water-insoluble substance, the detergent additive particles having an average particle size of from 150 to 600 μm , a bulk density of 300 to 1000 g/L, and wherein the detergent additive particles have a dissolution rate of 90% or more, under conditions where the detergent additive particles are supplied in water at 5°C; stirred for 60 seconds under the stirring conditions that 1 g of the detergent additive particles are supplied to a 1-L beaker having an ~~(inner diameter+ of 105 mm+)~~, which is charged with 1-L of hard water ~~(containing 71.2 mg CaCO_3/L , and a molar ratio of $\text{Ca}/\text{Mg+}$ of 7/3+)~~, and stirred with a stirring bar having a ~~(length of 35 mm, and a diameter+ of 8 mm+)~~ at a rotational speed of 800 rpm; and filtered with a standard sieve having a sieve-opening of 74 μm as defined by JIS Z 8801, wherein the dissolution rate of the detergent additive particles is calculated by Equation (1):

$$\text{Dissolution Rate (\%)} = \{1 - (T/S)\} \times 100 \quad (1)$$

wherein S is a weight (g) of the detergent additive particles supplied; and T is a dry weight of insoluble remnants of the detergent additive particles remaining on the sieve when an aqueous solution prepared under the above stirring conditions is filtered with the sieve; and

detergent particles (b) having an average particle size of from 150 to 600 μm and a bulk density of 500 to 1000 g/L, and comprising 10 to 50% by weight of a surfactant.

2. (Original) The composite detergent particles according to claim 1, wherein the detergent additive particles (a) have a microporous capacity of 0.2 mL/g or more and 1.2 mL/g or less at 0.01 to 4 μm as determined by mercury porosimetry.

3. (Original) The composite detergent particles according to claim 1 or 2, wherein the detergent additive particles (a) comprise a particle capable of releasing a bubble of a size of 1/10 or more the particles size from an inner portion of the particle, when dissolving the particle in water.

4. (Previously Amended) The composite detergent particles according to claim 1, wherein the detergent additive particles (a)

comprise a particle having a structure that there exists a hollow in an inner portion thereof, and that a particle surface is opened and communicated with the hollow in the inner portion.

5. (Previously Amended) The composite detergent particles according to claim 1, wherein the detergent additive particles (a) comprise a particle having a localized structure such that a composition in its inner portion is different from that near its surface.

Ps cont'd 6. (Currently Amended) The composite detergent particles according to claim 1, wherein the detergent additive particles (a) are obtainable by a step of ~~spraydrying~~ spray-drying an aqueous solution or suspension which comprises a water-soluble substance, and further optionally comprises a surfactant and/or a water-insoluble substance.

7. (Previously Amended) The composite detergent particles according to claim 1, wherein the detergent additive particles (a) comprise a water-soluble polymer as the water-soluble substances.

8. (Previously Amended) A granular detergent composition comprising 50 to 100% by weight of the composite detergent particles of claim 1.

9. (Currently Amended) Detergent additive particles (a) comprising 30 to 100% by weight of two or more kinds of water-soluble substances wherein a molar ratio of other one or more kinds of water-soluble substances to one kind of water-soluble substance is 9/1 or less, and further optionally comprising ~~less~~ not more than ~~10%~~ 5% by weight of a surfactant and/or 70% by weight or less of a water-insoluble substance, the detergent additive particles having an average particle size of from 150 to 600 μm , a bulk density of 300 to 1000 g/L, and wherein the detergent additive particles have a dissolution rate of 90% or more, under conditions where the detergent additive particles are supplied in water at 5°C; stirred for 60 seconds under the stirring conditions that 1 g of the detergent additive particles are supplied to a 1-L beaker ~~(having an inner diameter of 105 mm)~~, which is charged with 1-L of hard water ~~(containing 71.2 mg CaCO_3 /L, and a molar ratio of Ca/Mg of 7/3)~~, and stirred with a stirring bar ~~(having a length of 35 mm, and a diameter of 8 mm)~~ at a rotational speed of 800 rpm; and filtered with a standard sieve having a sieve-opening of 74 μm as

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defined by JIS Z 8801, wherein the dissolution rate of the detergent additive particles as calculated by Equation (1):

$$\text{Dissolution Rate (\%)} = \{1 - (T/S)\} \times 100 \quad (1)$$

wherein S is a weight (g) of the detergent additive particles supplied; and T is a dry weight of insoluble remnants of the detergent additive particles remaining on the sieve when an aqueous solution prepared under the above stirring conditions is filtered with the sieve.

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10. (Original) The detergent additive particles according to claim 9, wherein the detergent additive particles (a) have a microporous capacity of 0.2 mL/g or more and 1.2 mL/g or less at 0.01 to 4 μm as determined by mercury porosimetry.

11. (Original) The detergent additive particles according to claim 9 or 10, wherein the detergent additive particles (a) comprise a particle capable of releasing a bubble of a size of 1/10 or more the particle size from an inner portion of the particle, when dissolving the particle in water.

12. (Previously Amended) The detergent additive particles according to claim 9, wherein the detergent additive particles (a) comprise a particle having a structure that there exists a hollow

in an inner portion thereof, and that a particle surface is opened and communicated with the hollow in the inner portion.

13. (Previously Amended) The detergent additive particles according to claim 9, wherein the detergent additive particles (a) comprise a particle having a localized structure such that a composition in its inner portion is different from that near its surface.

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14. (Previously Amended) The detergent additive particles according to claim 9, wherein the detergent additive particles (a) are obtainable by a step of spray-drying an aqueous solution or suspension which comprises a water-soluble substance, and further optionally comprises a surfactant and/or a water-insoluble substance.

15. (Previously Amended) The detergent additive particles according to claim 9, wherein the detergent additive particles (a) comprise a water-soluble polymer as the water-soluble substances.

16. (New) Composite detergent particles according to claim 1, wherein said surfactant is selected from the group consisting of linear alkylbenzenesulfonates of which alkyl moiety has 10 to 14

carbon atoms, alkyl sulfates or alkyl ether sulfates of which each alkyl moiety has 10 to 18 carbon atoms and polyoxyalkylene alkyl ethers.

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17. (New) Detergent additive particles (a) according to claim 9, wherein said surfactant is selected from the group consisting of linear alkylbenzenesulfonates of which alkyl moiety has 10 to 14 carbon atoms, alkyl sulfates or alkyl ether sulfates of which each alkyl moiety has 10 to 18 carbon atoms and polyoxyalkylene alkyl ethers.

18. (New) Composite detergent particles according to claim 1, wherein a weight ratio of said detergent additive particles (a)/said detergent particles (b) is from 1/99 to 60/40.
